



Laboratory Quality Assurance Program
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2/12/2009

Robert Butler
Asbestos TEM Laboratories, Inc.
630 Bancroft Way

Berkeley, CA 94710

Lab ID# 101754

Dear Robert Butler,

Please find your laboratory's Environmental Lead Proficiency Analytical Testing Lead-in-Air results for (ELPAT Air) **Round 66**. The proficiency demonstrated by the results of this ELPAT Air round is valid until the close of the retest round on April 15, 2009 if the laboratory chooses to participate or until May 15, 2009 when the next ELPAT Air report will be available.

Unacceptable performance may be improved by correctly analyzing a set of retest samples. The deadline to order a retest is February 27, 2009. Retest sample kits are mailed via USPS Mail within five days after the order deadline.

ELPAT Lead-in-air **Round 67** sample kits will be mailed to laboratories around April 1, 2009. Your laboratory's data will be due by 11:59 PM EST on May 1, 2009.

Please handle, store and analyze your laboratory's PAT samples in the same manner as routine client samples. To submit results, visit the Proficiency Testing (PT) page and click on the PAT Data Entry Portal: <http://www.aiha.org/Content/LQAP/PT/pt.htm>

Your laboratory's password needed to access the PAT Data Entry Portal is provided in the upper right hand corner (next to your lab ID#) of the address label on the results submission form included with your PAT samples.

Print and save the confirmation page after submitting data via the AIHA PAT Data Entry Portal.

The AIHA Laboratory Quality Assurance Programs Policies and Application for AIHA accreditation are available on-line.

<http://www.aiha.org/Content/LQAP/documents/documents.htm>

Note: The Policies for 2007 comply with ISO/IEC 17025: 2005.

I encourage you to contact me with any feedback, questions or if you wish to contest your results at (703) 846-0797.

Sincerely,

Natasha S. Mugambwa
PAT Data Specialist.

Environmental Lead Proficiency Analytical Testing Results

This document contains three sub-reports relating to ELPAT Air Round 66. The first report contains your laboratory's results listed per contaminant, per sample. The second report contains your past proficiency data for 2 and 4 rounds respectively (where applicable), and the final report contains summary results for all laboratories for ELPAT Air round 66.

Testing Results for ELPAT Air Round 66

This part of the report contains your laboratory's results listed per contaminant, per sample.

Contaminant	Units	#	Result	Ref. Value	Lower Limit	Upper Limit	z-Score	Rating
Lead in Air (AIR)	mg/m3	1	0.3010	0.2977	0.2578	0.3376	0.2	A
	mg/m3	2	0.0469	0.0381	0.0319	0.0444	4.2	U
	mg/m3	3	0.1070	0.0954	0.0824	0.1084	2.7	A
	mg/m3	4	0.0489	0.0485	0.0416	0.0554	0.2	A

Please note:

Reference value is the mean of the reference laboratories

Lower limit = reference value - 3 standard deviations

Upper limit = reference value + 3 standard deviations

A: Acceptable Analysis; U: Unacceptable Analysis

Z-Score = (reported result - reference value)/standard deviation

Note: The acceptability of reported results is based on upper and lower performance limits.

Overall Performance Summary Concluding with 66

The following table contains overall proficiency results for 2 and 4 rounds respectively (where applicable). For more information in regard to the determination of proficiency, please see [Policy Module 6C Section 6C.2 for ELPAT Lead-in-Air](#) and [Policy Module 6B, Section 6B.2 for IHPAT](#)

Sample	Round	Round Performance	2 Rounds	2 Round %	4 Rounds	4 Round %	Proficiency
Air	63	4/4					
	64	4/4					
	65	4/4					
	66	3/4	7/8	88%	15/16	94%	P

Please note:

The denominators represent the total number of samples analyzed.

The numerators represent the number of acceptable results.

P – Proficient; NP – Non-proficient.

A laboratory is rated proficient (P) for the applicable FoT/Method(s), if

- 1) for the last two consecutive PT rounds, all samples are analyzed and the results are 100% acceptable or
- 2) three-fourths (75%) or more of the accumulated results over four PT rounds are acceptable.

If a lab receives samples and does not report the data, the results will be treated as outliers.

